

**bs-8177R****[ Primary Antibody ]****Bioss**  
ANTIBODIES

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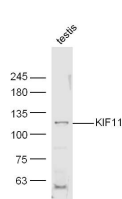
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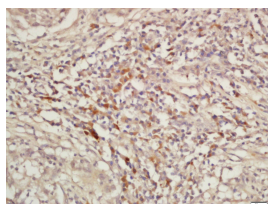
400-901-9800

**KIF11 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 3832 <b>Target:</b> KIF11 <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human KIF11/Eg5: 351-450/1056. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. <b>Background:</b> Eg5 is a motor protein that belongs to the kinesin-like family. Members of this protein family are known to be involved in various kinds of spindle dynamics. The function of this gene product includes chromosome positioning, centrosome separation and establishing a bipolar spindle during cell mitosis.	<b>Isotype:</b> IgG <b>SWISS:</b> P52732	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 120 kDa  <b>Subcellular Location:</b> Cytoplasm
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**— VALIDATION IMAGES —**

Sample: Testis (Mouse) Lysate at 40 ug Primary:  
Anti-KIF11 (bs-8177R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 120 kD  
Observed band size: 120 kD



Tissue/cell: Human laryngeal tissue; 4%  
Paraformaldehyde-fixed and paraffin-  
embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen  
peroxide for 30min; Blocking buffer (normal goat  
serum, C-0005) at 37°C for 20 min; Incubation:  
Anti-KIF11 Polyclonal Antibody,  
Unconjugated(bs-8177R) 1:200, overnight at 4°C,  
followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=4.86]** Junjun Ling. et al. KIF11, a plus end-directed kinesin, as a key gene in benzo(a)pyrene-induced non-small cell lung cancer. Environ Toxicol Phar. 2022 Jan;89:103775 IHC ;Human. 34800719